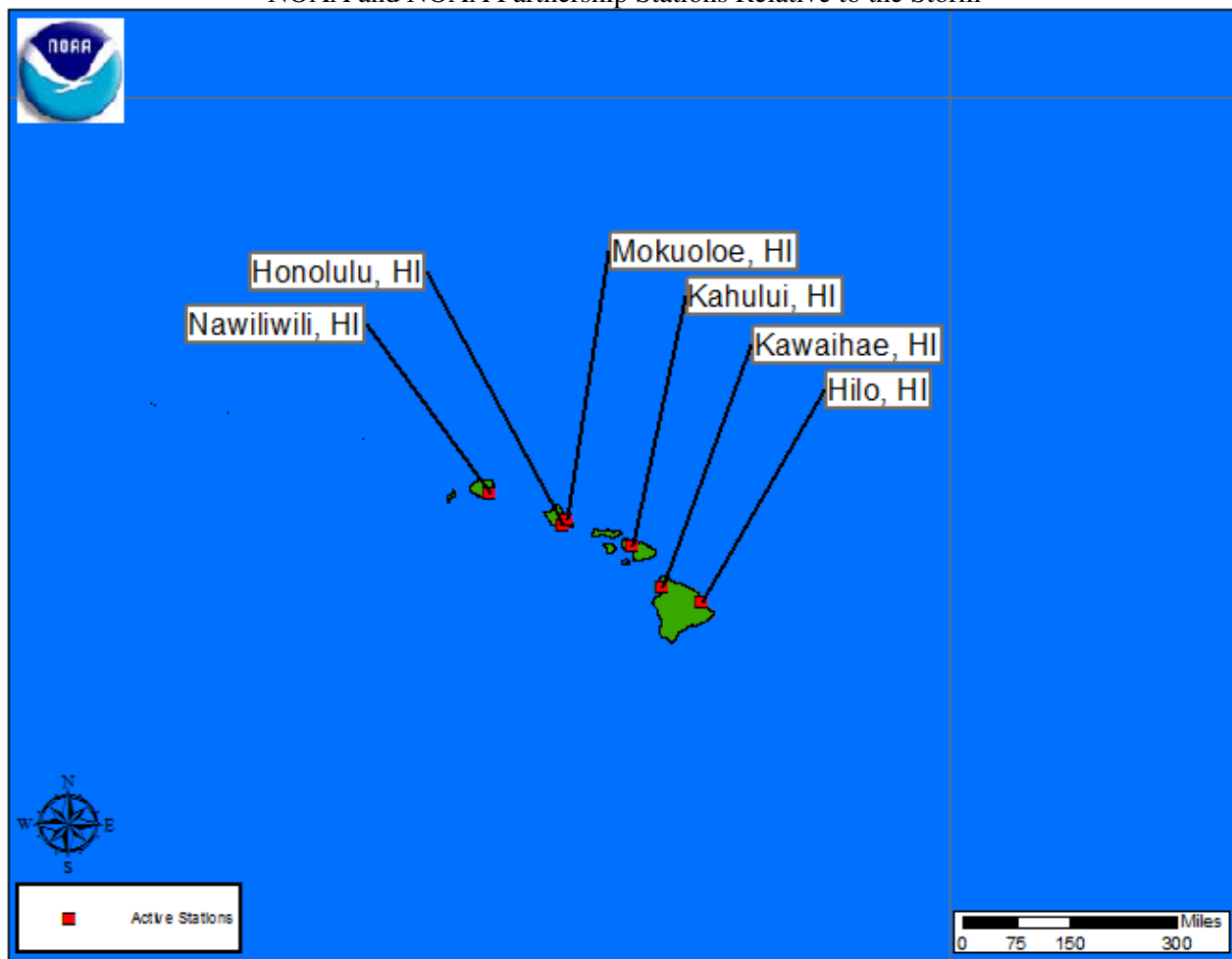


Tropical Depression FLOSSIE QuickLook  
Posted: 18:00 HST 07/29/2013

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

**No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the Central Pacific Hurricane Center (CPHC) issues a new tropical storm or hurricane warning for the U.S. or its territories.**

As of 7/29/2013 18:00 HST, water levels in the Hawaiian Islands are at or slightly above predicted tide levels with observations between 0 to 0.35ft above predictions. Winds are generally between 5 and 20 knots with higher gusts at Hilo. Barometric pressure is falling across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Tropical Depression FLOSSIE QuickLook, POSTED 18:00 HST 07/29/2013

Hilo, Hilo Bay, Kuhio Bay, HI: Next predicted high tides are 1.5 ft (0.46 m) at 07/29/2013 19:46 HST and 2.0 ft (0.60 m) at 07/30/2013 11:01 HST.

Kawaihae, HI: Next predicted high tides are 1.1 ft (0.33 m) at 07/29/2013 21:00 HST and 1.8 ft (0.56 m) at 07/30/2013 11:31 HST.

Kahului, Kahului Harbor, HI: Next predicted high tides are 1.5 ft (0.46 m) at 07/29/2013 18:06 HST and 1.8 ft (0.54 m) at 07/30/2013 11:06 HST.

Mokuoloe, HI: Next predicted high tides are 1.7 ft (0.52 m) at 07/30/2013 11:45 HST and 1.9 ft (0.58 m) at 07/31/2013 12:28 HST.

Honolulu, HI: Next predicted high tides are 1.0 ft (0.29 m) at 07/29/2013 21:18 HST and 1.8 ft (0.54 m) at 07/30/2013 11:48 HST.

Nawiliwili, HI: Next predicted high tides are 1.0 ft (0.29 m) at 07/29/2013 20:07 HST and 1.6 ft (0.50 m) at 07/30/2013 11:43 HST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: TKM

-----  
SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:

BULLETIN

TROPICAL DEPRESSION FLOSSIE ADVISORY NUMBER 21

NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI EP062013

500 PM HST MON JUL 29 2013

...FLOSSIE WEAKENS TO A TROPICAL DEPRESSION JUST NORTH OF MAUI...

WATCHES AND WARNINGS

-----  
CHANGES WITH THIS ADVISORY...

ALL TROPICAL STORM WARNINGS HAVE BEEN DISCONTINUED.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

THERE ARE NO WATCHES OR WARNINGS IN EFFECT.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR  
PRODUCTS ISSUED BY THE NATIONAL WEATHER SERVICE FORECAST OFFICE IN  
HONOLULU.

DISCUSSION AND 48-HOUR OUTLOOK

-----  
AT 500 PM HST...0300 UTC...THE CENTER OF TROPICAL DEPRESSION FLOSSIE  
WAS LOCATED NEAR LATITUDE 21.3 NORTH...LONGITUDE 156.5 WEST. THE

DEPRESSION IS MOVING TOWARD THE WEST-NORTHWEST NEAR 18 MPH...30 KM/H.

MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH...55 KM/H...WITH HIGHER GUSTS. SOME WEAKENING IS FORECAST DURING THE NEXT 48 HOURS.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1002 MB...29.59 INCHES.

#### HAZARDS AFFECTING LAND

-----  
WIND...TROPICAL STORM FORCE WIND GUSTS ARE POSSIBLE THIS EVENING AND OVERNIGHT. LOCALLY GUSTY WINDS WILL LIKELY CONTINUE ON TUESDAY OVER THE CENTRAL AND WESTERN ISLANDS.

RAINFALL...LOCALLY HEAVY RAINFALL IS PRESENTLY OCCURRING OVER PORTIONS OF THE BIG ISLAND. LOCALLY HEAVY RAINFALL IS EXPECTED THIS EVENING AND OVERNIGHT OVER MAUI COUNTY...SPREADING TO OAHU AND KAUAI LATER TONIGHT. FLOSSIE IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 2 TO 4 INCHES OVER THE BIG ISLAND WITH ISOLATED AMOUNTS UP TO 6 INCHES. OVER THE REST OF THE STATE TOTAL RAINFALL AMOUNTS WILL BE 1 TO 2 INCHES WITH ISOLATED AMOUNTS UP TO 6 INCHES. THIS RAINFALL COULD CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES...ESPECIALLY IN THE MOUNTAINS.

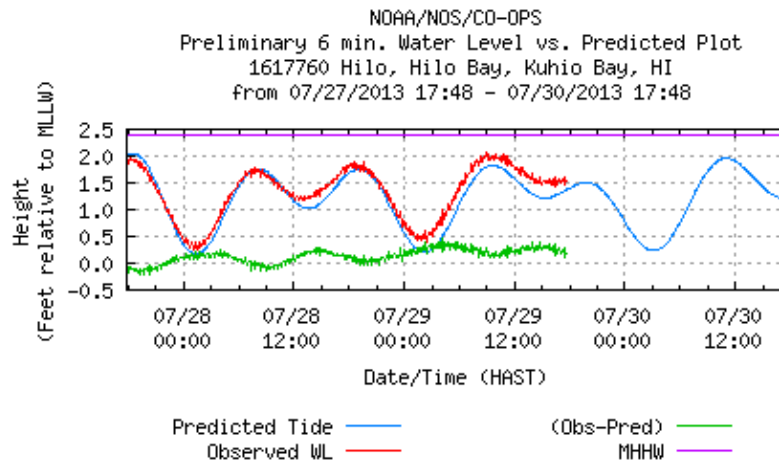
SURF...DANGEROUS HIGH SURF WILL CONTINUE TO AFFECT EAST FACING SHORES. THE SURF WILL BEGIN TO SUBSIDE TONIGHT ALONG EAST FACING SHORES OF THE BIG ISLAND. LARGE SURF WILL CONTINUE ON TUESDAY FOR THE REST OF THE STATE BEFORE SUBSIDING TUESDAY NIGHT. THE LARGE SURF MAY CAUSE COASTAL ROAD CLOSURES.

FORECASTER BURKE

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#), [Hilo, Hilo Bay, Kuhio Bay - Air/Water Temp](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kawaihae - Barometric](#), [Kawaihae - Air/Water Temp](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Nawiliwili - Water Level](#)

Hilo, Hilo Bay, Kuhio Bay, HI - Return to List

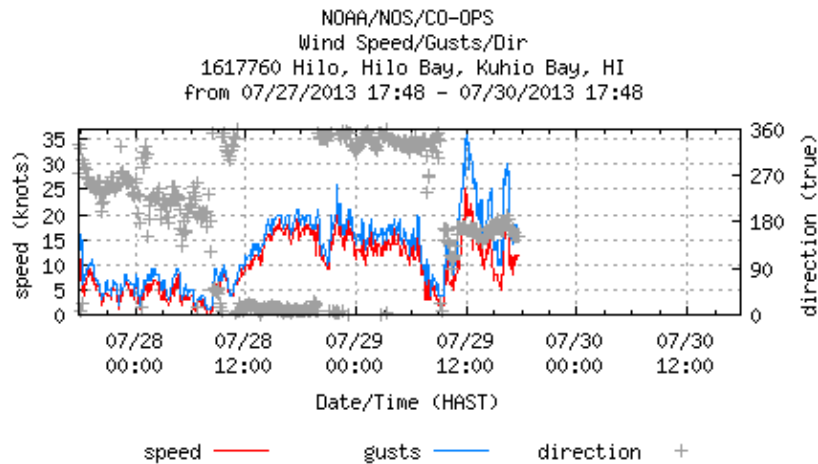


Last Observed Sample: 07/29/2013 17:42 (HAST)

Relative to MLLW: **Observed: 1.52 ft.** **Predicted: 1.38 ft.** **Residual: 0.14 ft.**

Historical Maximum Water Level: Jan 20 1981, 3.77 ft. above MLLW

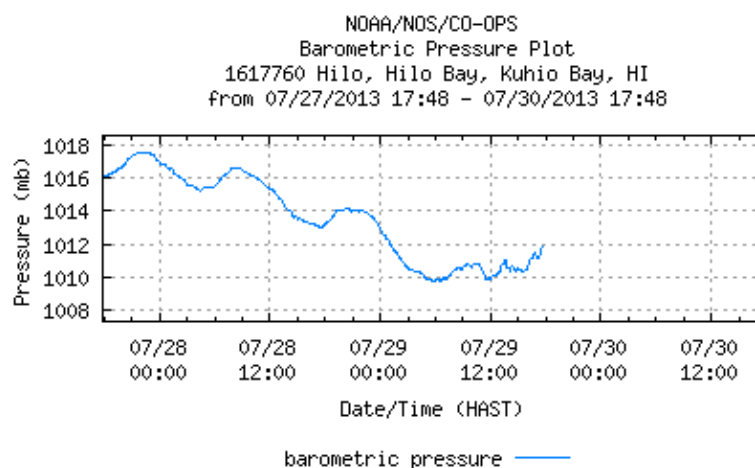
Hilo, Hilo Bay, Kuhio Bay, HI - Return to List



Last Observed Sample: 07/29/2013 17:42 (HAST)

**Wind Speed: 16 knots** **Gusts: 23 knots** **Direction: 166° T**

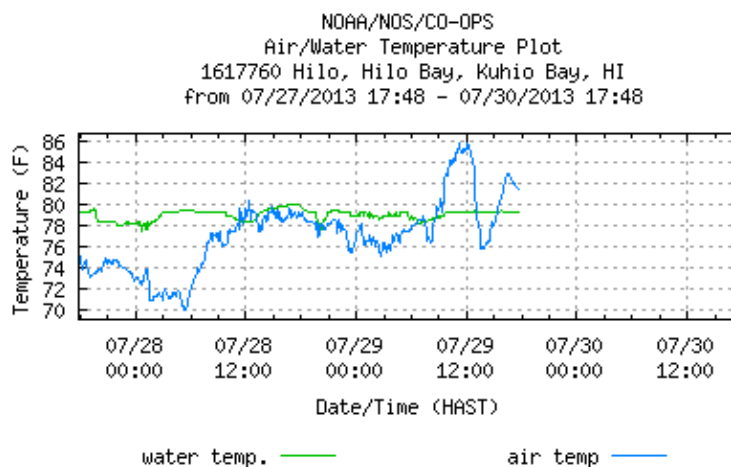
[Hilo, Hilo Bay, Kuhio Bay, HI - Return to List](#)



Last Observed Sample: 07/29/2013 17:42 (HAST)

Barometric Pressure: 1011.7 mb

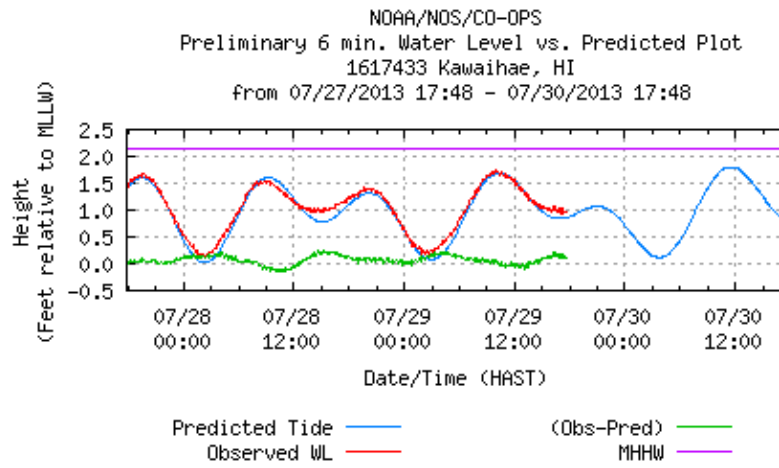
[Hilo, Hilo Bay, Kuhio Bay, HI - Return to List](#)



Last Observed Sample: 07/29/2013 17:42 (HAST)

Water Temperature: 79.3° F Air Temperature: 81.7° F

Kawaihae, HI - Return to List

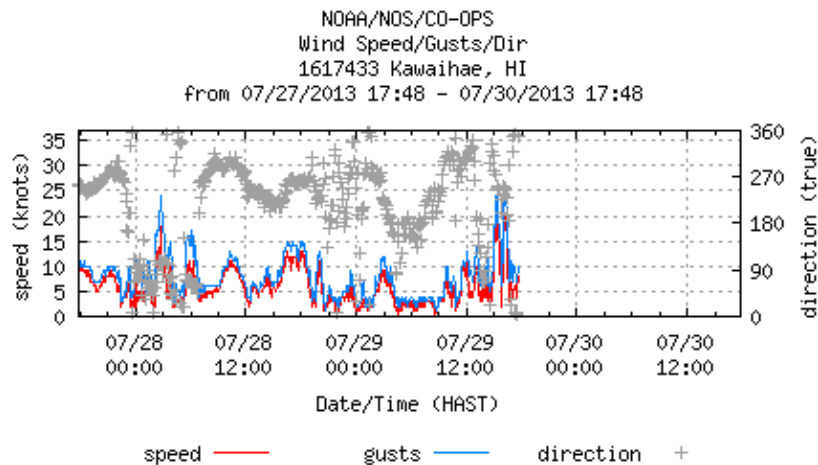


Last Observed Sample: 07/29/2013 17:42 (HAST)

Relative to MLLW: **Observed: 1.00 ft.** **Predicted: 0.86 ft.** **Residual: 0.14 ft.**

Historical Maximum Water Level: Dec 13 2008, 3.38 ft. above MLLW

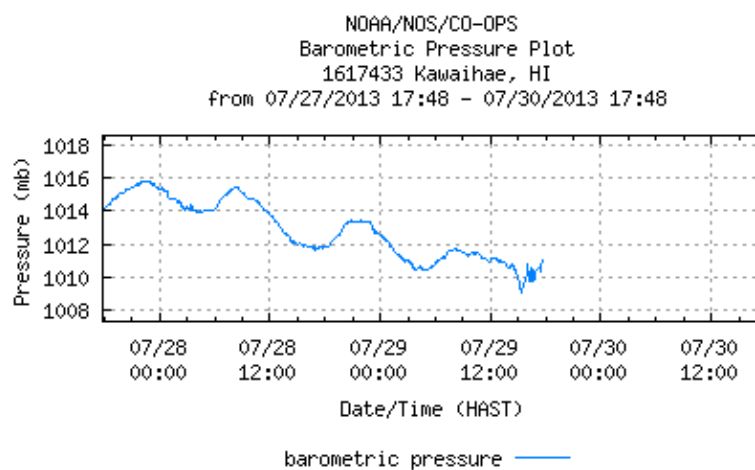
Kawaihae, HI - Return to List



Last Observed Sample: 07/29/2013 17:42 (HAST)

**Wind Speed: 6 knots** **Gusts: 11 knots** **Direction: 343° T**

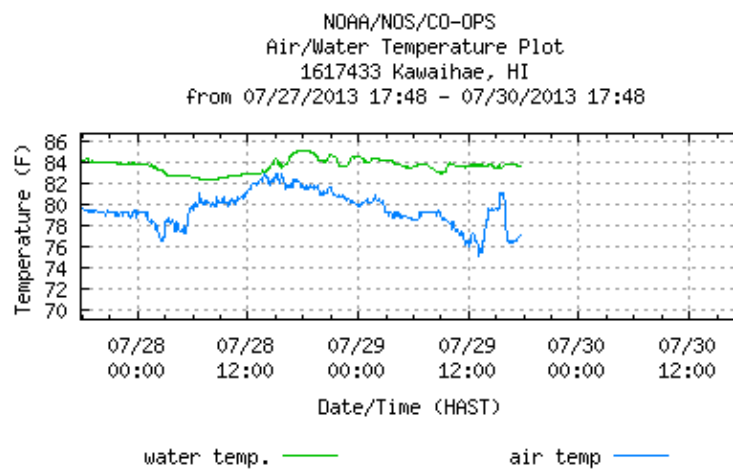
[Kawaihae, HI - Return to List](#)



Last Observed Sample: 07/29/2013 17:42 (HAST)

Barometric Pressure: 1010.8 mb

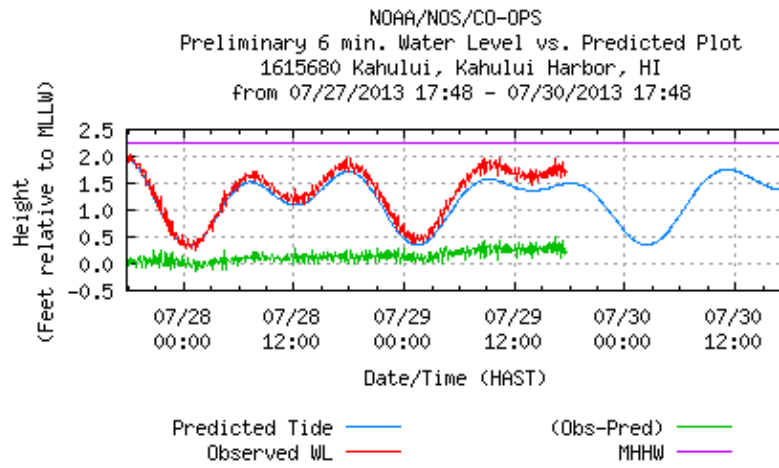
[Kawaihae, HI - Return to List](#)



Last Observed Sample: 07/29/2013 17:42 (HAST)

Water Temperature: 83.5° F Air Temperature: 77.2° F

Kahului, Kahului Harbor, HI - Return to List

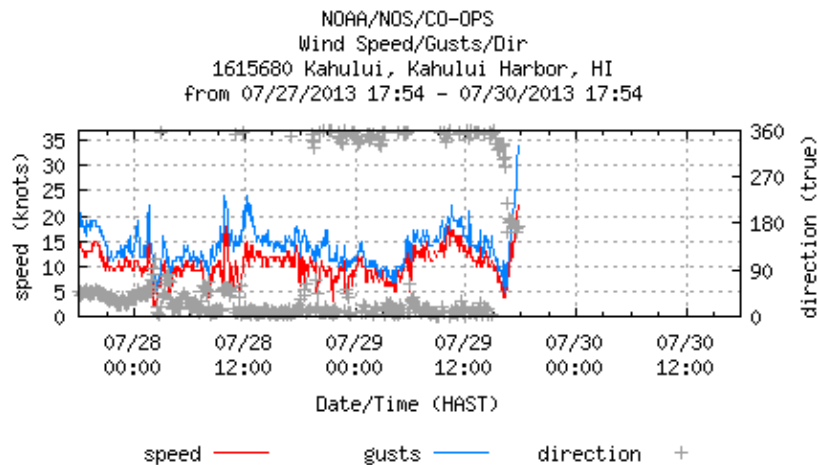


Last Observed Sample: 07/29/2013 17:42 (HAST)

Relative to MLLW: **Observed: 1.73 ft.** **Predicted: 1.50 ft.** **Residual: 0.23 ft.**

Historical Maximum Water Level: Dec 20 1968, 3.48 ft. above MLLW

Kahului, Kahului Harbor, HI - Return to List

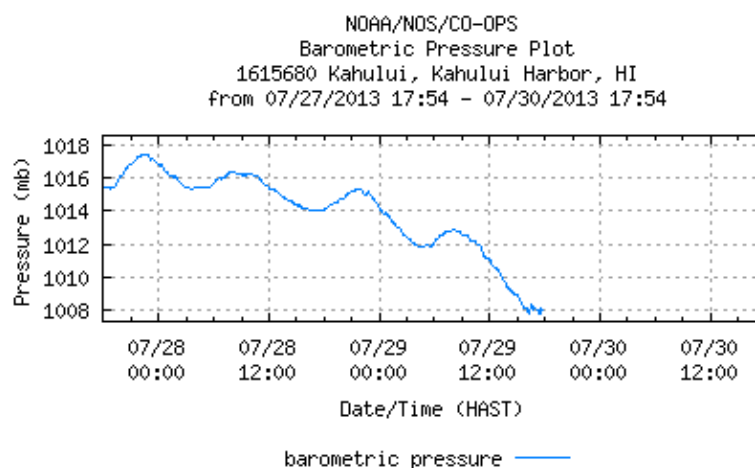


Last Observed Sample: 07/29/2013 17:42 (HAST)

**Wind Speed: 22 knots** **Gusts: 34 knots** **Direction: 176° T**



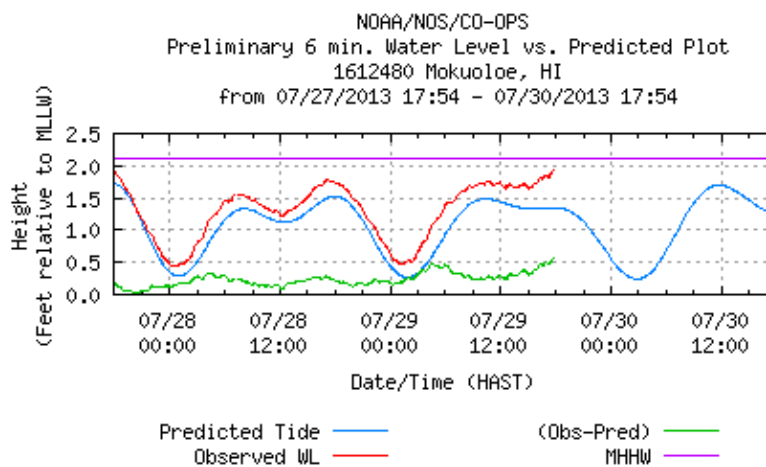
Kahului, Kahului Harbor, HI - Return to List



Last Observed Sample: 07/29/2013 17:42 (HAST)

Barometric Pressure: 1008.0 mb

Mokuoloe, HI - Return to List

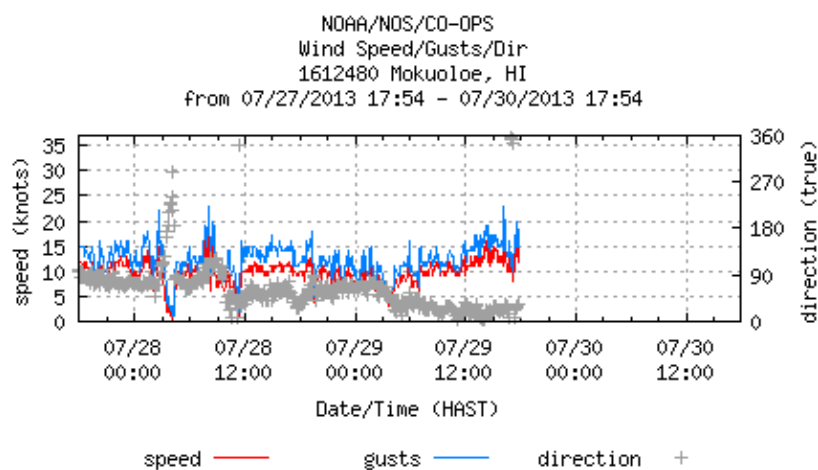


Last Observed Sample: 07/29/2013 17:48 (HAST)

Relative to MLLW: **Observed: 1.92 ft.** **Predicted: 1.35 ft.** **Residual: 0.57 ft.**

Historical Maximum Water Level: Jan 8 1974, 3.58 ft. above MLLW

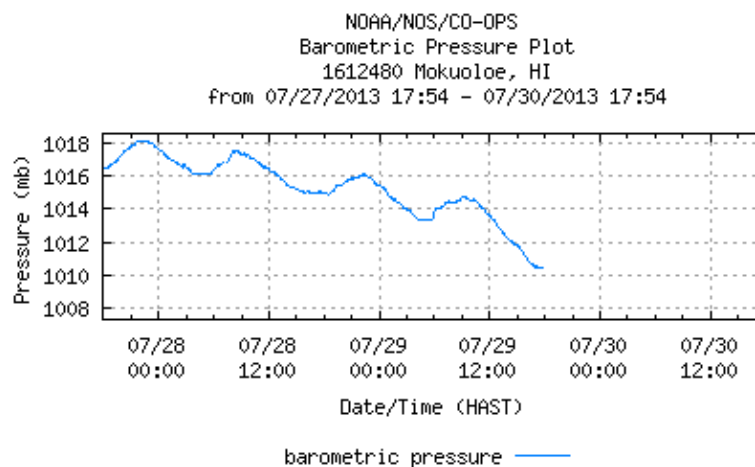
Mokuoloe, HI - Return to List



Last Observed Sample: 07/29/2013 17:48 (HAST)

Wind Speed: 12 knots Gusts: 15 knots Direction: 33° T

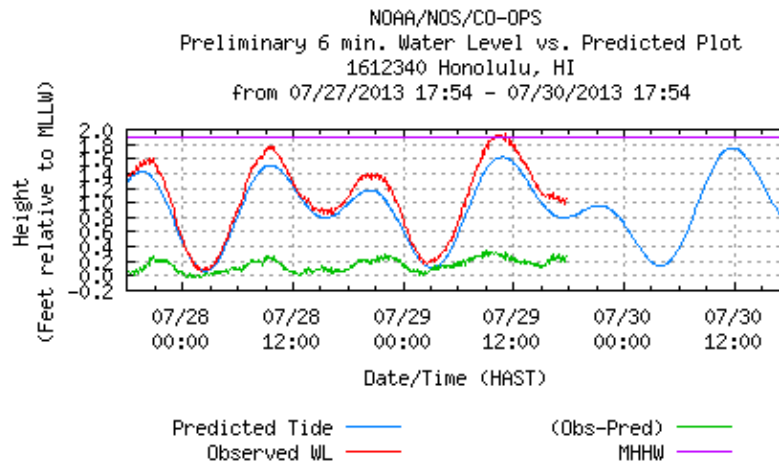
Mokuoloe, HI - Return to List



Last Observed Sample: 07/29/2013 17:48 (HAST)

Barometric Pressure: 1010.5 mb

Honolulu, HI - Return to List

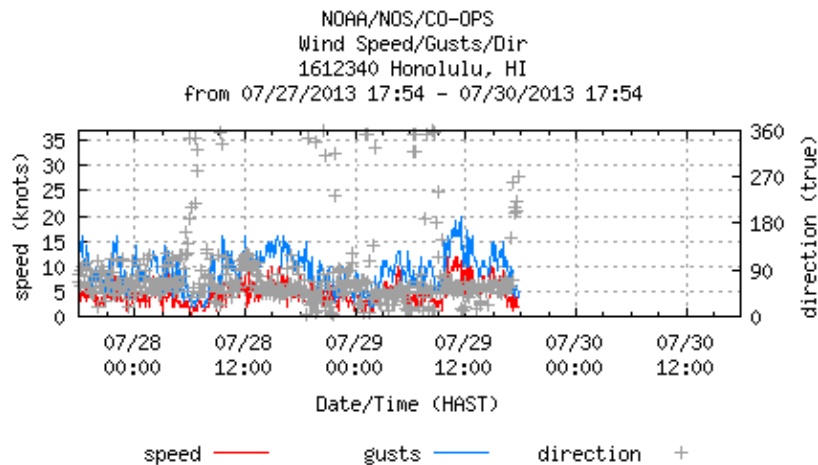


Last Observed Sample: 07/29/2013 17:42 (HAST)

Relative to MLLW: **Observed: 1.05 ft.** **Predicted: 0.79 ft.** **Residual: 0.26 ft.**

Historical Maximum Water Level: Feb 14 1967, 3.39 ft. above MLLW

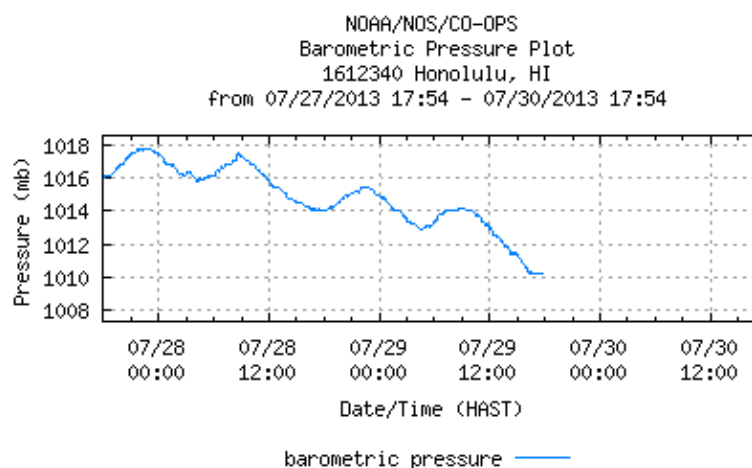
Honolulu, HI - Return to List



Last Observed Sample: 07/29/2013 17:42 (HAST)

**Wind Speed: 2 knots** **Gusts: 4 knots** **Direction: 271° T**

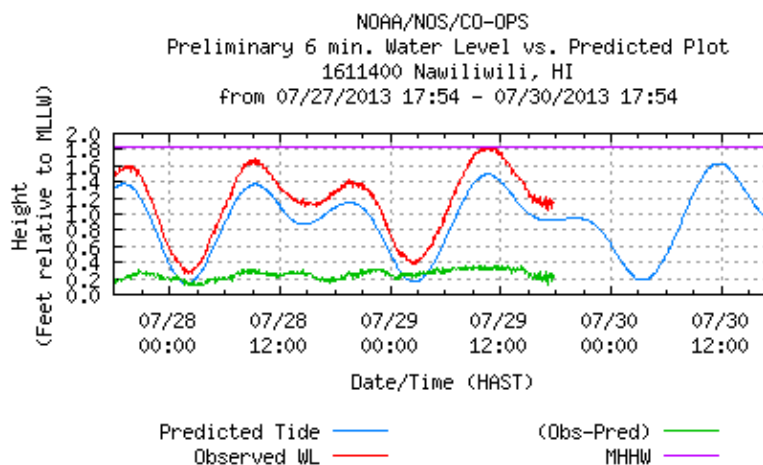
Honolulu, HI - Return to List



Last Observed Sample: 07/29/2013 17:42 (HAST)

Barometric Pressure: 1010.2 mb

Nawiliwili, HI - Return to List



Last Observed Sample: 07/29/2013 17:48 (HAST)

Relative to MLLW: **Observed: 1.15 ft.** **Predicted: 0.93 ft.** **Residual: 0.22 ft.**

Historical Maximum Water Level: Sep 11 1992, 4.98 ft. above MLLW